

# PDR RID Report

**Date Last Modified** 6/20/95

**Originator** Bruce Barkstrom

**Phone No** 804-864-5676

**Organization** LaRC

**E Mail Address** brb@ceres.larc.nasa.gov

**Document** Day 2: User Modeling

<b>RID ID</b>	<b>PDR</b>	423
<b>Review</b>	SDPS	
<b>Originator Ref</b>		
<b>Priority</b>	2	

**Section**

**Page**

**Figure Table**

**Category Name** User & Algorithm Models

**Actionee** HAIS

**Sub Category**

**Subject** Metadata generation when exception occurs

**Description of Problem or Suggestion:**

Effect of exceptions (hardware failure, software failure, QA peculiarities) upon metadata generation and integrity not clear.

**Originator's Recommendation**

- 1) Define possible states of metadata storage (ECS)
- 2) Develop list of exceptions
  - a) Hardware failure - ECS
  - b) Software failure - ECS
  - c) QA peculiarities - Data Producers
- 3) Develop scenarios for handling exceptions
  - a) Hardware failure - ECS
  - b) Software failure - ECS
  - c) QA peculiarities - Data Producers

**GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** Eisenstein

**HAIS Schedule** 5/22/95

**HAIS R. E.** M. Shannon

**HAIS Response Date** 5/16/95

Scenarios discussing the various exception situations mentioned in the RID are currently present in the SDPS Design Specification (DID 305) documentation for the Data Processing Subsystem (Chapter 9), but the discussions are limited to the Data Processing Subsystem actions. To address this RID, they will be expanded to include the capabilities in Planning and the Data Server Subsystems, as well. These scenarios will define the capabilities which will be provided to handle potential exception situations, and how the subsystems will interact in such situations.

Furthermore, as these scenarios are developed, new level 4 requirements may be necessary to define the approach.

**Status** Closed

**Date Closed** 6/20/95

**Sponsor** Daly

\*\*\*\*\*

**Attachment if any**

\*\*\*\*\*